

SEQUENCE LISTING

<110> Green et al.  
<120> Ethanol Production  
<130> 00487.00007  
<140> 09/754,083  
<141> 2001-01-05  
<160> 5  
<170> PatentIn version 3.1  
<210> 1  
<211> 24  
<212> DNA  
<213> Z. mobilis  
<400> 1  
gagctcgcaa tgagttatac tgtc

24

<210> 2  
<211> 22  
<212> DNA  
<213> Z. mobilis  
<400> 2  
ggatccctag aggagcttgt ta

22

<210> 3  
<211> 23  
<212> DNA  
<213> Bacillus LN  
<400> 3  
ggatccggca atctgaaagg aag

23

<210> 4  
<211> 21  
<212> DNA  
<213> Bacillus LN

<400> 4  
gagctctcat cctttccaaa a

21

<210> 5

<211> 301

<212> DNA

<213> Bacillus LN

<400> 5  
agggcaatct gaaaggaagg gaaaattcct ttcggattgt ccttttagtt attttatgg 60  
ggagtgaata ttatataggc attacggaaa tgataatggc agagttttt catttattag 120  
actgcttgat gtaattggat gtgatgatac aaaaataatg ttgtgtaaac aaaatgttaa 180  
caaaaaagac aaatttcatt catagttgat acttcataaa cattctcaaa taatccacaa 240  
tataatcaatg tatgagcagt ttcacaaatt catttttgg aaaggatgac agacagcgat 300  
g 301